

1. Isolation of single neurons

2. aRNA amplification

3. Analysis of the differences

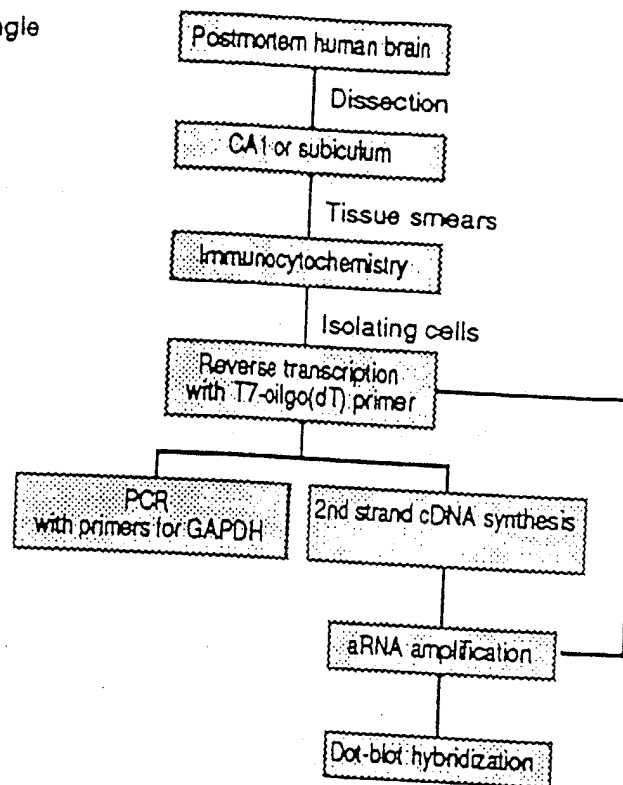


FIGURE 1

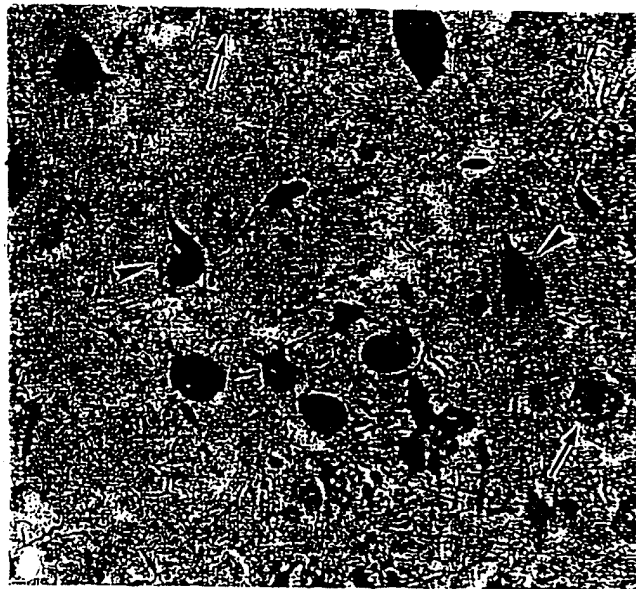


FIGURE 2

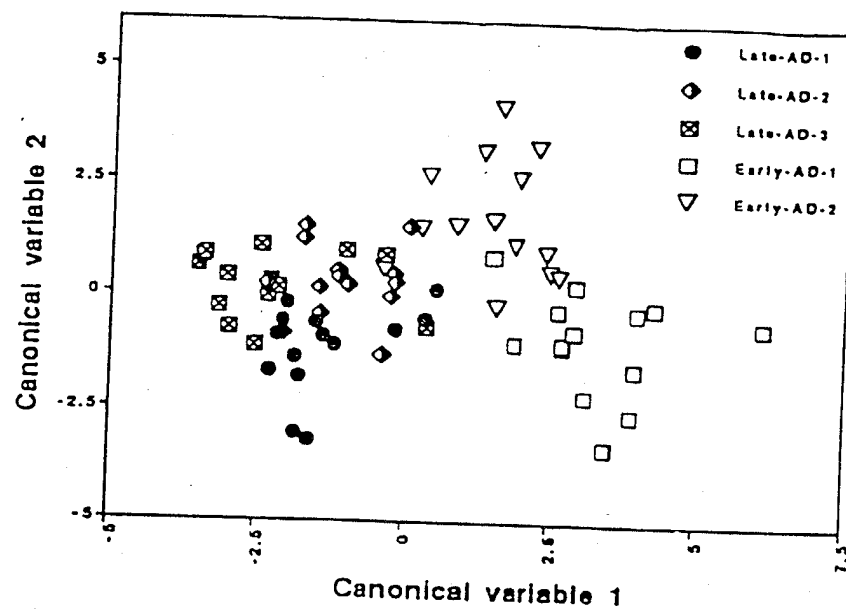
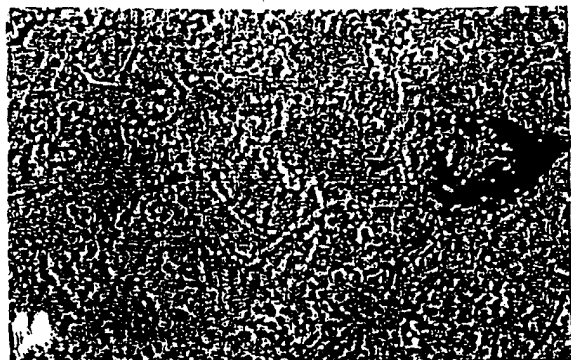


FIGURE 3



A

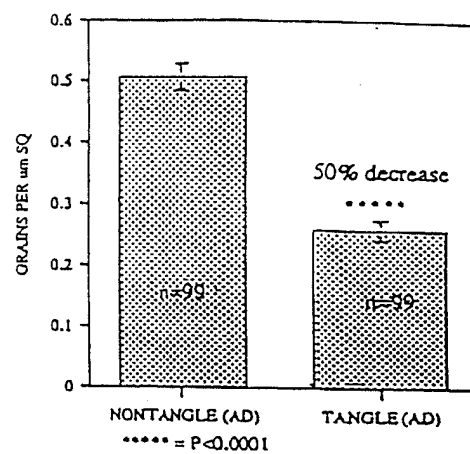


B



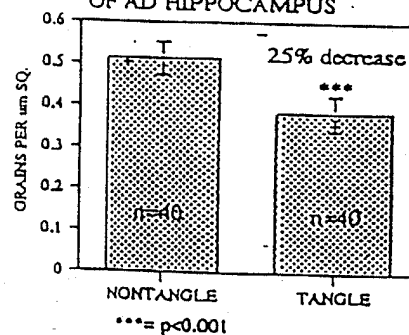
C

GRAIN DENSITY FOR SYNAPTOPHYSIN
MESSAGE IN TANGLE AND NEIGHBORING
NONTANGLE NEURONS IN CA1 OF AD
HIPPOCAMPUS



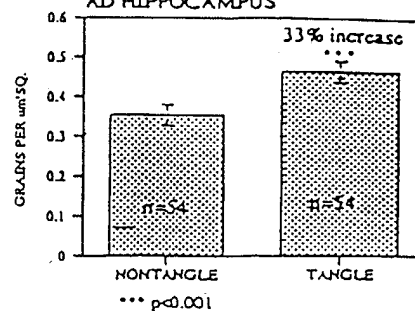
D

GRAIN DENSITY FOR POLY A+
MESSAGE IN TANGLE AND
NONTANGLE NEURONS IN CA1
OF AD HIPPOCAMPUS



E

GRAIN DENSITY FOR CATHIEPSIN D
MESSAGE IN TANGLE AND
NONTANGLE NEURONS IN CA1
OF AD HIPPOCAMPUS



F

FIGURE 4

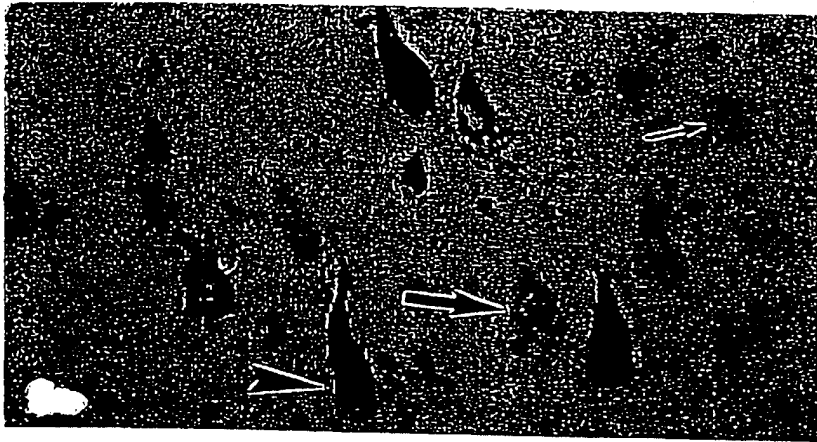


FIGURE 5



FIGURE 6

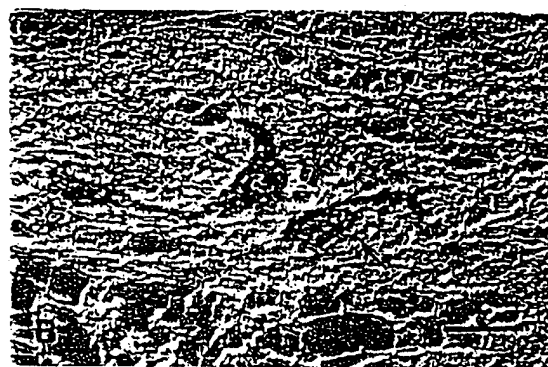
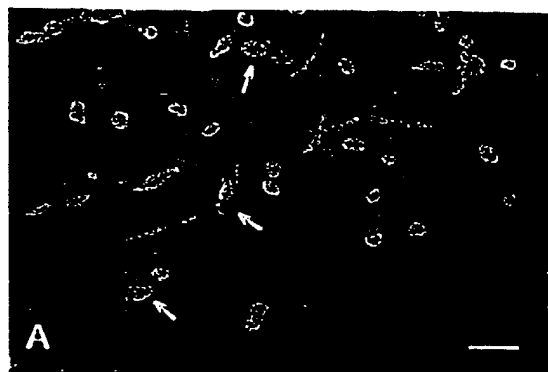


FIGURE 7

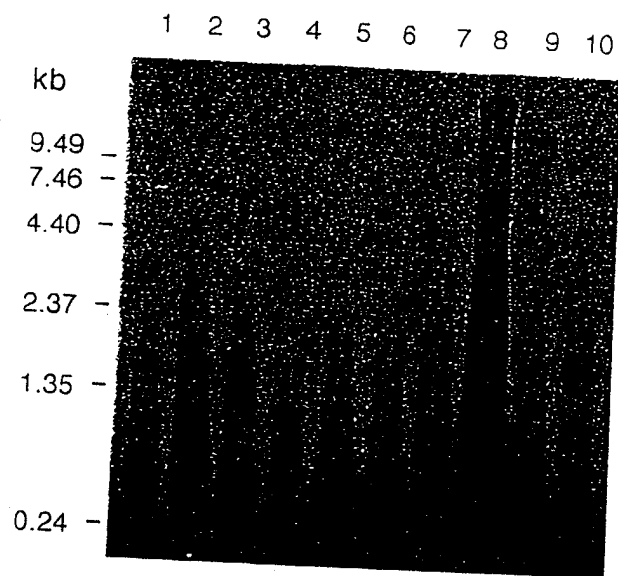


FIGURE 8

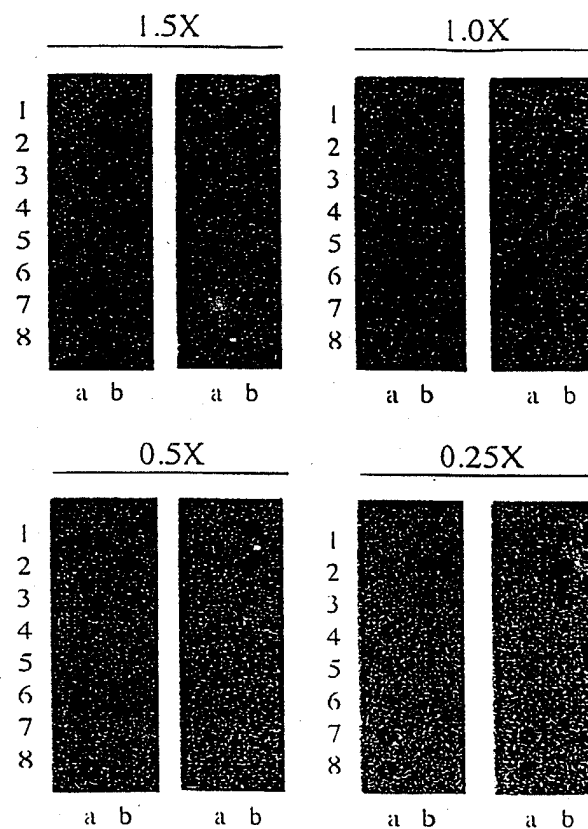


Fig. 4. Dot blot hybridization of aRNA from one cell with selected cDNAs. The aRNA was used at four concentrations, 1.5 x , 1.0 x , 0.5 x and 0.25 x . For each concentration, hybridization was done in duplicate. On each blot: column a, from rows 1-8, the cDNAs are HSP70, p53, HII, nestin, actin, STM2, cyclin D1 and CamK II; column b, rows 1-5 SI82, z1-ACT, GAPDH, GFAP and pBS.